

Fused Wide Band Coupler (FWBC)

Features:
Low insertion loss & Low PDL High stability and reliability
Application:
Fiber Communication/Access Network Fiber Sensor Fiber Laser

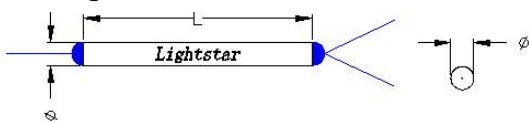
Specifications

Parameter	Grade P	Grade A	
Operating wavelength (nm)	1310 +/-40 or 1550 +/-40 or other		
Typical excess loss (dB)	0.07	0.10	
Insertion loss (dB)	50/50	≤3.4	≤3.6
	40/60	≤4.4/2.6	≤4.7/2.8
	30/70	≤5.7/1.9	≤6.0/2.0
	20/80	≤7.6/1.25	≤8.0/1.3
	10/90	≤11.0/0.65	≤11.5/0.8
	5/95	≤14.2/0.4	≤14.8/0.5
	2/98	≤18.5/0.25	≤19.0/0.35
	1/99	≤21.5/0.2	≤22.0/0.3
PDL (dB)	≤0.1	≤0.15	
Directivity (dB)	≥55		
Operating temperature (°C)	-40 ~ +85		

Package Information

Configuration	1x2 or 2x2		
Fiber length	1m, others on request		
Fiber Type	SMF-28e		
Pigtail type	250μm bare fiber	900μm loose tube	900μm/2mm/3mm loose tube
Dimensions(mm)	φ3.0×L54 or φ3.0×L40	φ3.0×L54	90x20x9.5

Package Dimensions



Ordering Information

Product	Wavelength	Port	CR	Grade	Package	Fiber	0	Pigtail Type	Length	Connector
FWBC	31=1310 55=1550 SS=Other	1=1x2 2=2x2	1=1/99 2=2/98 3=3/97 5=5/95 A=10/90 B=20/80 C=30/70 D=40/60 E=50/50 F=15/85 G=25/75 I=0.1/99.9 S=Other	P= P A= A	1=φ3.0×L54 2=φ3.0×L40 3=φ3.0×L60 6=φ4.0×L65 A=90x20x9.5 S=Other	0=S MF-2 8e		0=250um bare fiber 1=900um loose tube 4=RC 80um Bare fiber. 2=2mm loose tube 3=3mm loose tube	H=0.5m 8=0.8m 1=1.0m 5=1.5m 2=2.0m S=Other	0=None 1=FC/UPC 2=FC/APC 3=SC/APC 4=SC/UPC 5=ST/PC 6=LC/PC 7=LC/APC 8=E2000 APC S=Others